**Index of Claims** 

| Application/C | Control No. |
|---------------|-------------|
|---------------|-------------|

10/554,254

Examiner

Erich A. Leeser

Applicant(s)/Patent under Reexamination

NAKAJIMA ET AL.

Art Unit

1624

| <b>√</b> | Rejected |
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| II       | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Restricted

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cli      | aim      | m Date   |  |              |  |  |                    | Claim Date       |              |          |          |          |                 |          |          |                   | Claim Date |          |          |          |          |              |          |               |  |  |  |  |          |               |  |
|----------|----------|----------|--|--------------|--|--|--------------------|------------------|--------------|----------|----------|----------|-----------------|----------|----------|-------------------|------------|----------|----------|----------|----------|--------------|----------|---------------|--|--|--|--|----------|---------------|--|
| <u> </u> | 1        |          |  |              |  |  |                    |                  |              |          |          |          |                 |          |          |                   |            |          | Т        | Т        | Т        | T            | Ť        |               |  | Г  |  |  |          |               |  |
| Final    | Original | 12/5/06  |  |              |  |  |                    |                  |              |          | Final    | Original |                 |          |          |                   |            |          |          |          | **       | Final        | Original |               |  |  |  |  |          |               |  |
| <b></b>  | 1        | =        | $\vdash$   | +            | ┢  | 1  | 1                  | ╁                | ╁            | Н        |          | 51       | ╁               | Н        | -        |                   |            | Н        |          |          | $\dashv$ |              | 101      | $\dashv$      | +                                      | +-   | ├  | <del> </del>                                     | -        | <del> </del>  | ⊢  |
|          | 2        | =        | ╁  | <del> </del> | -  | +-   | 1                  | ╁                | ╁            | Н        | $\vdash$ | 52       | +-              | Н        | $\dashv$ | -                 | $\vdash$   | $\vdash$ | $\neg$   |          | _        | <b>-</b>     | 102      | $\dashv$      | ┿                                      | ┢  | 1  | <del>                                     </del> |          | $\vdash$      | -  |
| $\vdash$ | 3        | =        | <del>                                     </del> | <del> </del> | ┢  | T  | +                  | <del> </del>     | $\vdash$     | $\vdash$ | 1        | 53       | 1               | $\vdash$ | 一        | _                 | $\vdash$   | $\dashv$ | $\neg$   |          |          | -            | 103      | - -           | ╁                                      | $\vdash$   | t  | $\vdash$   |          |               | _  |
|          | 4        | =        | _  | $\vdash$     | ┼  | ╁  | <del> </del>       | ╁                | 一            | 1-1      | <b>—</b> | 54       | $\vdash$        | -        | -        | _                 |            |          |          |          |          |              | 104      |               | +                                      | ╁  | $\vdash$   | $\vdash$   |          | $\overline{}$ | _  |
|          | 5        | 1        | t  | $\vdash$     | $\vdash$   |  | †                  | t                | t            |          |          | 55       |                 |          |          | _                 | -          |          | $\dashv$ |          | _        |              | 105      | -             | ╁╌                                     | ╁  | $\vdash$   |  |          | Г             |  |
|          | 6        | V        |  | $\vdash$     | T  | T  | t                  |                  | $\vdash$     | 1        |          | 56       | t               |          |          |                   |            |          |          |          |          |              | 106      |               | +-                                     | t  | $t^-$  |  |          | г             |  |
|          | 7        | 1        | <u> </u>   | $\vdash$     | t  | T  | t                  | 1                |              |          |          | 57       |                 |          | $\dashv$ |                   |            |          | $\neg$   |          |          |              | 107      |               | t                                      | $\vdash$   | <del>                                     </del> |  |          |               | _  |
|          | 8        | 1        | İ  | t            | T  |  | T                  |                  |              |          |          | 58       |                 |          |          |                   |            |          |          |          | $\neg$   |              | 108      |               | 1                                      |  | ✝  |  |          | Г             |  |
|          | 9        | 1        |  | $\vdash$     | <u> </u>   | T  | $\vdash$           | ┢                | ┢            |          |          | 59       |                 |          |          | $\neg$            |            |          |          | $\neg$   | $\neg$   |              | 109      | -             | ✝                                      | T  | $\vdash$   |  |          | П             |  |
|          | 10       | $\vdash$ |  |              | T  | T  | 1                  | $\vdash$         | T            |          |          | 60       |                 |          |          |                   |            |          |          | _        | $\neg$   |              | 110      |               | $\top$                                 |  |  |  |          | $\Box$        |  |
|          | 71       | $\vdash$ |  | T            | T  | T  |                    | T                | $\vdash$     | П        |          | 61       | Т               |          | $\neg$   |                   | $\neg$     |          |          |          | _        |              | 111      |               | $\top$                                 | t  |  |  |          | $\Box$        | Г  |
|          | 42       | <u> </u> |  | İ            |  |  | Τ.                 |                  |              | П        |          | 62       |                 |          | Ì        |                   |            |          |          | T        |          |              | 112      |               | +-                                     |  | ┢  |  |          | П             | Г  |
|          | 19-      |          | Г  | 1            |  | <b>†</b>   | T                  | T                |              |          |          | 63       |                 |          |          |                   |            | $\neg$   | $\neg$   |          |          |              | 113      |               | 1                                      | 1  |  |  |          |               | Γ  |
|          | 14       | 1        |  |              |  | <b>†</b>   | T                  |                  | Г            | П        |          | 64       |                 | П        |          |                   |            |          |          | $\neg$   | $\neg$   |              | 114      | _             | T                                      | T  | t  |  |          | $\Box$        | _  |
|          | 15       | 1        | I  | Ι-           |  | Т  | $\vdash$           | T                | T-           | П        |          | 65       | $\sqcap$        |          |          |                   |            |          | $\dashv$ | 寸        | $\dashv$ |              | 115      |               | T                                      | Π  | <u> </u>   |  |          | $\Box$        | Г  |
|          | 16       | 1        |  |              |  | T  |                    | T                |              | $\Box$   |          | 66       |                 |          |          |                   |            | $\Box$   | 一        |          | $\neg$   |              | 116      | $\neg \vdash$ | $\top$                                 | <del>                                     </del> |  |  |          | П             |  |
|          | 17       | 1        |  |              |  |  |                    |                  |              | П        |          | 67       | П               |          |          |                   |            |          |          |          | $\neg$   |              | 117      |               | T                                      | Т  | T  |  |          |               |  |
|          | 18       |          |  |              | Г  |  |                    |                  |              |          |          | 68       |                 |          |          |                   |            |          |          |          |          |              | 118      |               | T                                      |  | İ  |  |          | $\neg$        |  |
|          | 19       |          | $\vdash$   | 1            | Ι  | <del>                                     </del> |                    | $\vdash$         |              |          |          | 69       | П               |          | 寸        |                   |            | 寸        | 寸        | 一        |          |              | 119      | _             | ╁                                      | 一  |  |  |          | $\Box$        |  |
|          | 20       |          |  |              |  |  | 1                  |                  |              | П        |          | 70       |                 |          | 寸        | T                 |            | $\neg$   |          |          |          |              | 120      | $\neg$        | T                                      |  |  |  |          |               | _  |
|          | 21       |          |  |              |  | Г  |                    |                  |              |          |          | 71       | П               |          | $\neg$   |                   |            | $\neg$   |          |          |          |              | 121      |               |  |  |  |  |          | $\neg$        | _  |
|          | 22       |          |  |              |  | Г  |                    |                  |              | П        |          | 72       | П               | $\neg$   | $\neg$   | 一                 |            |          |          | T        |          |              | 122      | $\top$        | +-                                     | ┢  |  |  |          |               |  |
|          | 23       |          |  |              |  |  |                    |                  |              | П        |          | 73       |                 |          |          | 寸                 |            |          |          |          |          |              | 123      |               | Τ                                      | T  |  |  | $\neg$   | $\neg$        |  |
|          | 24       |          |  |              |  |  |                    |                  |              |          |          | 74       | П               |          | 一        |                   |            | 寸        | ヿ        | T        |          |              | 124      |               | 1                                      | _  |  |  |          | $\neg$        |  |
|          | 25       |          |  |              |  |  |                    |                  |              | П        | . ]      | 75       |                 |          |          |                   |            |          |          |          |          |              | 125      |               | T                                      |  |  |  |          | $\neg$        |  |
|          | 26       |          |  | Г            | Г  | Г  | П                  | Π                |              | П        |          | 76       |                 |          |          |                   |            | Ī        |          |          | <u> </u> |              | 126      |               |  |  |  |  |          | $\Box$        |  |
|          | 27       |          |  | 1            | Г  | Г  | Г                  | <u> </u>         |              | П        |          | 77       |                 |          |          | $\neg$            |            |          | $\neg$   |          |          |              | 127      |               | 1                                      |  |  |  |          |               |  |
|          | 28       |          |  |              |  |  |                    |                  |              | П        |          | 78       |                 |          | $\neg$   |                   |            | $\neg$   |          |          | $\neg$   |              | 128      |               | 1                                      |  |  |  |          | П             |  |
|          | 29       |          |  |              |  |  |                    |                  |              |          |          | 79       | П               |          |          |                   |            |          | T        |          |          |              | 129      |               | T                                      |  |  |  |          | П             |  |
|          | 30       |          |  |              |  |  |                    |                  |              |          |          | 80       |                 |          |          |                   |            |          |          | $\neg$   |          |              | 130      |               |  |  |  |  |          | П             |  |
|          | 31       |          |  |              |  |  |                    |                  |              |          |          | 81       |                 |          |          |                   |            | $\neg$   | $\neg$   |          |          |              | 131      |               |  |  |  |  |          | П             |  |
|          | 32       |          |  |              |  |  |                    |                  |              |          |          | 82       |                 | _        |          |                   |            |          |          |          |          |              | 132      |               |  |  |  |  |          |               |  |
|          | 33       |          |  |              |  |  |                    |                  |              |          |          | 83       |                 |          |          |                   |            |          | ┚        |          |          |              | 133      |               |  |  |  |  |          |               | _  |
|          | 34       |          |  |              |  | L  | $oxedsymbol{oxed}$ | L                | 匚            | Ш        |          | 84       |                 |          |          |                   |            |          | $\Box$   |          |          |              | 134      |               |  |  | 匚  |  |          |               |  |
|          | 35       |          | _  |              | $ldsymbol{ld}}}}}}$ | $\Box$   | 匚                  | <u>L</u>         |              | Ш        |          | 85       |                 |          |          |                   |            |          |          |          |          |              | 135      |               |  |  |  |  |          |               |  |
|          | 36       |          |  |              | <u>_</u>   |  | <u></u>            | <u> </u>         |              | Ш        |          | 86       |                 | [        |          |                   | $\Box$     |          | [        |          |          |              | 136      |               |  | L  | <u> </u>   | $\square$  |          |               |  |
|          | 37       | <u> </u> | L  |              | <u> </u>   | <u> </u>   | L                  | L                |              | Ш.       |          | 87       |                 |          |          |                   |            |          |          |          |          |              | 137      |               |  |  |  |  |          |               |  |
| <u></u>  | 38       |          | <u></u>  |              |  | L  | L                  | <u> </u>         | $oxed{oxed}$ | Ш        |          | 88       |                 |          |          |                   |            |          |          |          | $\Box$   |              | 138      |               |  |  |  |  |          |               |  |
| <u></u>  | 39       |          |  | <u> </u>     |  |  |                    | <u>L</u>         |              | Щ        |          | 89       | $\bigsqcup$     |          | [        | ]                 | ]          | [        |          |          |          |              | 139      |               |  |  |  | Ш  |          |               |  |
| <u></u>  | 40       |          | <u> </u>   |              |  |  |                    | $\Box$           |              | Ш        |          | 90       |                 | [        | [        | $oldsymbol{\bot}$ | ]          | ]        | [        |          |          |              | 140      |               |  |  | $\Box$   |  |          |               |  |
| <u> </u> | 41       |          | <u> </u>   | <u> </u>     |  |  |                    | $oxed{oxed}$     | <u> </u>     | Щ        | L        | 91       | Ш               |          | _        | _                 |            |          |          | [        |          | $oxed{oxed}$ | 141      |               | 1                                      | _  | _  | ot   |          |               |  |
| L        | 42       |          | <u> </u>   | <u> </u>     |  | L_   | L_                 | _                |              | Ш        |          | 92       | Ш               | ļ        | _        |                   | _          |          |          |          | _        | <u> </u>     | 142      |               | _                                      | <u> </u>   | <u> </u>   | Ш  |          |               |  |
|          | 43       |          | L.,  | L            | L_   | L.   | <u> </u>           | $ldsymbol{oxed}$ | L            | Ш        |          | 93       | Ш               | ļ        | ļ        | _                 |            | _        | $\Box$   | _        | _        | <u></u>      | 143      |               | _                                      | _  | _  | Ш  |          |               |  |
|          | 44       |          |  | Щ            | <u> </u>   | L_   | _                  | L.               | <u> </u>     | Ш        |          | 94       | Ш               |          |          |                   | _          | $\perp$  |          | $\dashv$ | _        | <u></u>      | 144      | _ _           | 1                                      | _  | _  | Ш  |          |               | _  |
| <u> </u> | 45       |          | Щ  |              | <u> </u>   | _  |                    | <b>L</b>         | _            |          |          | 95       | Ш               | _        | _        |                   | _          | _        | _        |          | _        | <u></u>      | 145      | $\perp$       | 1                                      | ـــــ  | <u> </u>   | $oxed{oxed}$                                     |          |               |  |
|          | 46       |          |  | L            | <u> </u>   | <u> </u>   | <b> </b>           | <u> </u>         | <u> </u>     | Ш        |          | 96       | Ш               |          | _        | _                 | _          | $\dashv$ |          | _        |          | L            | 146      |               | 1_                                     | ļ  | <u> </u>   | Щ  |          |               | _  |
| <u> </u> | 47_      | L        | Ш  | Ш            | <u> </u>   | <u> </u>   |                    | <u> </u>         | <u> </u>     | Ы        | <u> </u> | 97       | $\vdash \vdash$ |          | _        | _                 | _          | _        | _        | _        | _        | <u></u>      | 147      |               | <u> </u>                               | <u> </u>   | <u> </u>   |  | $\dashv$ |               | <u>.                                    </u> |
| <u> </u> | 48       |          | <u> </u>   | -            | <u> </u>   | -  | ⊢                  | <u> </u>         |              | $\sqcup$ |          | 98       | $\sqcup$        | _        | _        |                   | _          |          | _        | _        | _        | <u></u>      | 148      | -             | -                                      | ⊢  | <u> </u>   | $\vdash$   | _        |               | _  |
| <u> </u> | 49       |          | <u> </u>   | <u> </u>     | <u> </u>   | <b>—</b>   |                    | <b> </b>         | $\vdash$     | $\sqcup$ |          | 99       | $\vdash$        |          | 4        | _                 |            | _        | _        | _        |          | <u> </u>     | 149      |               | ــــــــــــــــــــــــــــــــــــــ | $\vdash$   | <u> </u>   | $\sqcup$   |          |               | _  |
|          | 50       |          |  |              | l  | l  | ł                  | I                | l            | ıl       | 1        | 100      | 1               | 1        | - 1      |                   |            | - 1      | - 1      |          |          | 1            | 150      |               | 1                                      | I  | ı  | ı  | - 1      |               |  |